

# Emission Summary

## 71-0365-01

**Permit Number:** 970499P

**Source Status:** New ☒ Modification ☐ Expansion ☐ Relocation ☐ **Permit Status:** New ☒ Renewal ☐

PSD ☐ NSPS ☒ NESHAPs ☒ **Previous Permit Number:** Construction \_\_\_\_\_ Operating \_\_\_\_\_

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
TSP	neg	neg	0.14	neg	neg	0.03		06/29/15		06-.02(2)
SO <sub>2</sub>										
CO	0.465	75.34	75.34	0.34	0.34	18.83		06/29/15		40 CFR §60.4233(d) 1200-03-09-.03(8)
VOC										
HC+NO <sub>x</sub>			1.95			0.49		06/29/15		40 CFR §60.4233(d) 1200-03-09-.03(8)

\* - Source of data - Application dated June 29, 2015

PERMITTING PROGRAM: AY DATE: October 5, 2015

# CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Tennessee Department of Safety & Homeland Security File Number: 71-0365 EPS Initials: AY

Permit Number(s): 970499P Source Point Number(s): 01

Application Received (date): June 29, 2015 Application Complete (date): June 29, 2015

Air Quality Analysis Performed? Yes ☐ No ☒

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

This permit is for an existing installation at the Cookeville Dispatch Center of a 88.3 hp propane fired Kohler 50REZ engine (65.87 KW). The emergency generator was manufactured in March, 2010. The primary emissions expected from this source are PM, CO and HC+NO<sub>x</sub>.

## Rules Analysis

Title V ☐ Cond. Major ☐ Minor ☒ Source category listed in 1200-03-09-.01(4)(b)1.(i)? Yes ☐ No ☒

Reason for PSD:	New source above ____ TPY	<input type="checkbox"/>	Sig. increase in ____ emissions	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart <u>JJJJ</u>	<input checked="" type="checkbox"/>	State Rule 1200-03-16-. ____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart ____	<input type="checkbox"/>	State Rule 1200-03-11-. ____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 63, Subpart <u>ZZZZ</u>	<input checked="" type="checkbox"/>	State Rule 1200-03-31-. ____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

						Other Applicable State Rules					
TSP Emissions:	1200-03-	<u>06</u>	-.	<u>02(2)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	NO <sub>x</sub> Emissions:	1200-03-	<u>09</u>	-.	<u>.03(8)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
SO <sub>2</sub> Emissions:	1200-03-	<u>14</u>	-.	____	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Lead Emissions:	1200-03-	____	-.	____	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
CO Emissions:	1200-03-	<u>09</u>	-.	<u>.03(8)</u>	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	____ Emissions:	1200-03-	____	-.	____	<input type="checkbox"/> N/A <input type="checkbox"/>
VOC Emissions:	1200-03-	____	-.	____	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	____ Emissions:	1200-03-	____	-.	____	<input type="checkbox"/> N/A <input type="checkbox"/>

Visible Emissions from	<u>exhaust</u>	not to exceed	<u>20</u>	% opacity per Method	<u>9</u>	(Rule 1200-03- <u>05</u> -. <u>01</u> )
Visible Emissions from	____	not to exceed	____	% opacity per Method	____	(Rule 1200-03-____ -. ____ )
Visible Emissions from	____	not to exceed	____	% opacity per Method	____	(Rule 1200-03-____ -. ____ )

Comments: \_\_\_\_\_

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